



Service Bulletin

Bulletin No.: 17-NA-293

Date: June, 2019

TECHNICAL

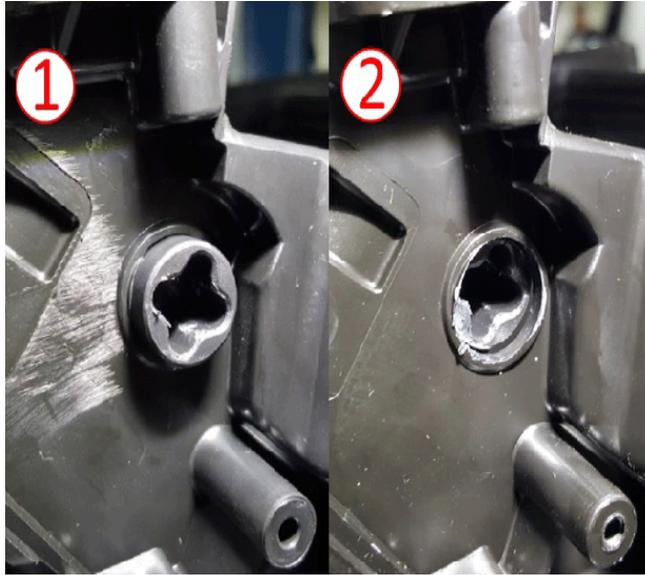
Subject: Rear Air Conditioning Inoperative, Rear Air Temperature Doesn't Change When Commanded

This Bulletin replaces PIT5581. Please discard PIT5581.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Envision	2016	2017	SOP	July 20, 2017		

Involved Region or Country	North America
Additional Options (RPOs)	Equipped with HVAC SYSTEM-AIR CONDITIONING, FRT & RR ELECTRONIC CONTROLS (CJ4)
Condition	<p>Some customers may comment on one or more of the following concerns from the 2nd row / rear HVAC:</p> <ul style="list-style-type: none"> • Temperature doesn't change when commanded • A/C inoperative • Blowing warm air when the A/C is selected • Blowing cold air when heat is selected
Cause	 <p style="text-align: right; font-size: small;">4861180</p> <p>This condition may be caused by the auxiliary temperature valve, internal to the A/C distributor case, being fractured.</p>

Correction



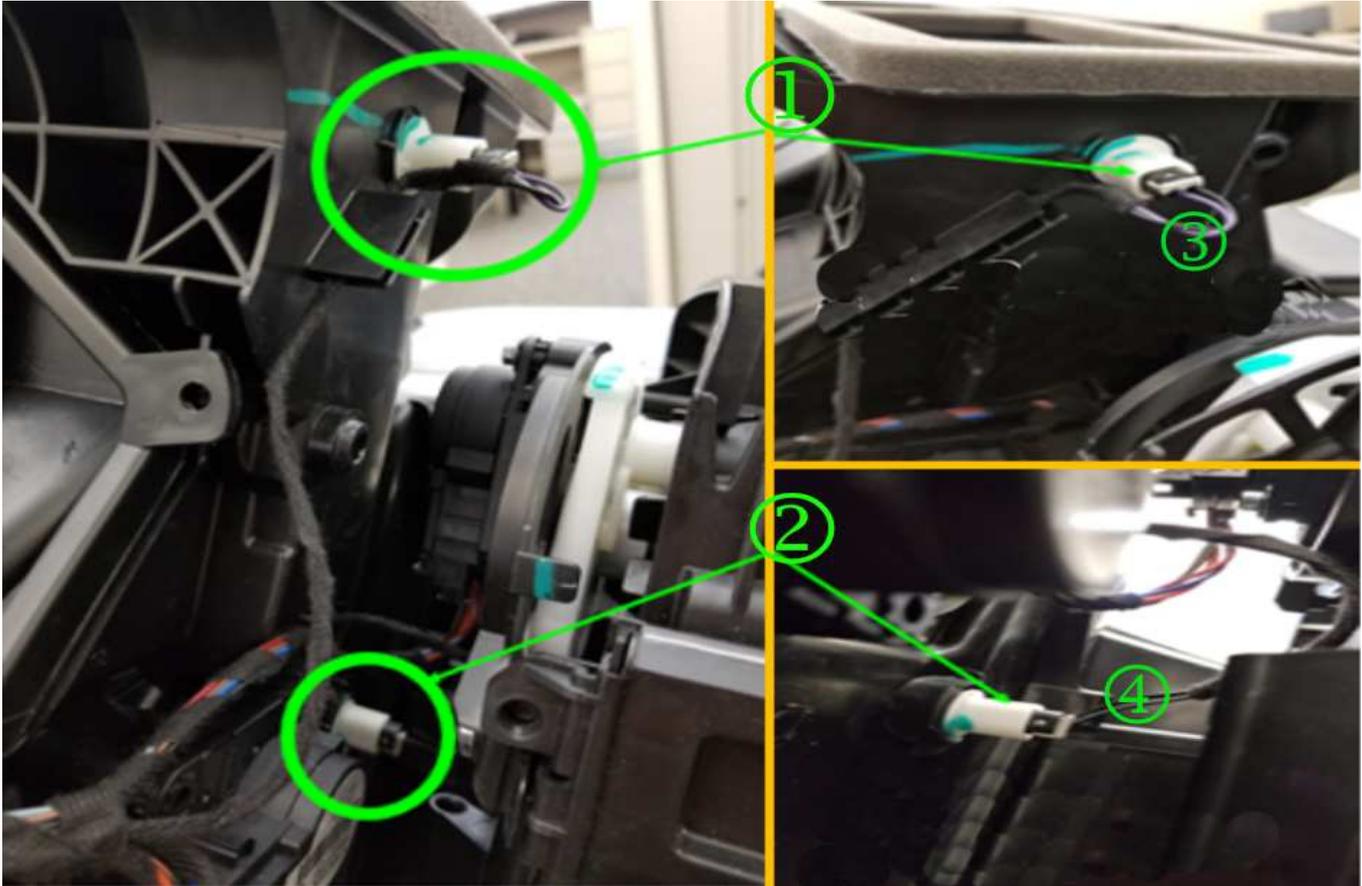
4861172

Note: The technician may find the pivot for the temperature valve has pulled away from the actuator motor (2).

Verify if the temperature valve is working properly:

- If it has been validated that the rear temperature valve is not working properly, replace the A/C distributor case.
- If the temperature valve has been found to be working correctly, refer to SI for further diagnostics.

Service Procedure



5361052

Important: Wiring harness length has the potential for the Upper DAT (1) and EAT (2) connectors to plug into the wrong sensor. To avoid mis-wiring the replacement case, you should mark each of the temperature sensor wires and note their location prior to removal. Confirm that the Purple/Black wire connector (3) goes to the Upper DAT, and the Gray/Black wire connector (4) goes to the EAT.

Replace the A/C distributor case. Refer to *Air Distributor Case Replacement* in SI.

Parts Information

Causal Part	Description	Part Number	Qty
x	CASE, A/C EVPR & BLO	84213709	1
N/A	SEAL KIT, HTR & A/C EVPR & BLO MDL	Refer to EPC	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4412280	Air Distributor Case Replacement	Use Published Labor Operation Time

Version	6
Modified	<p>Revised September 29, 2017 - Added the 2016 Model Year and supersede statement.</p> <p>Revised October 27, 2017 - Added the Important statement to the Correction section.</p> <p>Revised July 10, 2018 - Add seal kit to Parts Information section.</p> <p>Revised December 05, 2018 - Update Conditions section to add cold air information and temp control.</p> <p>Revised June 21, 2019 – Added Important and Graphic to Service Procedure.</p>

